

SIEMENS

SIREMOBIL Compact

SP

Installation and Setting Instructions

Installing and setting the Video recorder

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Register 3

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General

Safety information

CAUTION

When performing service work and tests, adhere to the product-specific safety information contained in the documents as well as the general safety information contained in Register 2 of the TI folder.

Checks and adjustments which must be performed with radiation switched ON are identified by the radiation warning symbol ☸ . During these types of adjustments, radiation protective clothing must be worn.

Protective conductor test

Perform the protective conductor test according to TI 236 / ARTD - 002.731.17... after completing all work and reinstalling all covers.

The protective conductor resistance must not exceed 0.2 ohms.

Additional Information

These instructions apply to retrofitting a video recorder on a SIREMOBIL Compact system only.

Materials required

- Video recorder connection kit 31 00 489 G5437

Measurement and auxiliary devices required

- Service PC
- Service software (see Log book)
- Connecting cable (from service PC to host) 99 00 440 RE999
- Protective conductor meter 44 15 899 RV 090

Tools required

- Tool kit (see ARTD / part 3)
- 1 set of Allen keys

CAUTION

Disconnect the SIREMOBIL Compact line voltage cable prior to beginning work.

Line voltage cable

- Connect the video recorder line voltage cable at terminals X2.1 and X2.2.
- Connect the protective conductor to the protective conductor terminal strip (ge/gn).
- Route the video recorder line voltage cable to the video recorder compartment.

Video cable

With an existing multiformat camera or video printer

- Remove the 75 Ohm termination from the video output of the multiformat camera or switch off the 75 Ohm termination for the video printer.
- Connect the video cable at the video output of the multiformat camera or the video printer and route the cable to the video recorder compartment.
- Connect the video recorder. Ensure proper termination of the video cable (75 Ohm).

Without a multiformat camera or video printer

- Connect the video cable to Memoskop connector "Out3".
- Route the video cable to the video recorder compartment.
- Connect the video recorder. Ensure that the video cable is terminated correctly (75 Ohm).

Programming

On Memoskop C (with keyboard)

- Switch the system on.
- Simultaneously press keys [CTRL] and [U] on the memory keyboard.
 - ⇒ This calls the User Setup menu for Memoskop.
- Call up the "B output for video recorder" submenu.
- Perform the configuration for monitor A .
(Perform the configuration for monitor B only by special customer request).
- End the user menu.
- Switch the SIREMOBIL Compact off and on again to activate the new configuration.

For Memoskop C-E (without keyboard)

- Switch on the system.
- On Memoskop C-E, the keyboard connector includes an adapter.
- Connect the Service PC to the adapter on Memoskop C-E and start Windows.
- Call up the "terminal.exe" program.
- Set the following in the "terminal.exe" program:

9600 Baud 8 Bit Parity none 1 Stopbit

- Adjust to the interface being used (COM1 / COM2).
- The keyboard is now emulated with the service PC.

NOTICE

The service PC keyboard does not include the >|< (Home) key. Instead, in the main User Setup menu enter the letter "O". Enter the next unused number in the sub-menu of the User Setup. Example: The last sub-menu is called up by entering the number 12. -> The >|< (Home) key would be emulated by entering the number 13.

- Simultaneously press the [CTRL] and [U] keys on the service PC.
 - ➔ This calls the User Setup menu for Memoskop.
- Call up the "B output for video recorder" submenu.
- Perform the configuration for monitor A.
(Perform the configuration for monitor B only by special customer request.)
- End the User menu.
- Switch the SIREMOBIL Compact off and on again to activate the new configuration.

Function check



- Set the video recorder to exposure.
- With Fluoro, move the collimator blades slightly into the field.
Release fluoro for approximately 20 seconds.
- Stop the video recorder and rewind the tape.
- Connect a 50 Hz / 60 Hz monitor to the video output of the video recorder and replay the scene.

Concluding work

- Switch OFF the SIREMOBIL .
- Test the protective conductor with the protective conductor meter 44 15 899 RV 090 .
Refer also to TI 236 / ARTD - 002.731.17...

TD SP 2 / Arnold

TD SP 1 / Schlee

SMS Iselin / O'Donnell